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DATE: May 28, 2004

TIME IN:
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TO:

Name	Fax Number	Phone Number
Examiner Travis Reis - Art Group 2859 U.S. Patent & Trademark Office	703-872-9306	

FROM: Julio Loza

PHONE: 949-253-4924

U.S. Patent Application No. 10/618,549

RE: IDS submitted to USPTO 04/26/2004

MESSAGE:

Examiner Reis:

Thank you for your voice mail of May 28, 2004. Pursuant to your request, please find attached the Information Disclosure Statement, Forms 1449, four non-US Patent references, and USPTO date stamped postcard. The IDS was submitted to the USPTO on April 26, 2004.

Please contact me, or Mr. Loza (949-253-4924) with any questions.

Best regards,

Rachel Carter (secretary to Julio Loza)

ORIGINAL DOCUMENT: Will not be sent : NUMBER OF PAGES (Including Cover): 39

CONFIRMATION NO.: CLIENT MATTER NO.: 99999-0000

PLEASE RETURN TO: Rachel Carter PERSONAL FAX: No

REQUESTOR: Julio Loza DIRECT LINE: 949-253-4920

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Received in the U.S. Patent Office
Kindly date-stamp and return this card with
Early Notification of Serial No. (if Applicable)

Date: April 26, 2004

Serial No.: 10/618,549

Client: Point Research

For: Gyro Aided Magnetic Compass

Dkt. No.: 42616-0600



Enclosed are:

☐ Specification and Claims (PP-)☐ Drawings (sheets)☐ Formal Informal☒ Info. Disc. Statement☐ Dep. Acct. for☐ Priority Documents☒ PTO 1449 W/References☐ Other☐ Declaration, Power of Attorney☐ Assignment☐ Amendment☒ Certificate of Mailing☐ Issue Fee Transmittal☐ Transmittal Letter☐ Extension of Time☐ Express Mail No.

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Docket No. 42616-0600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Robert Levi et al.

Serial No.: 10/618,549

Filed: July 11, 2003

For: GYRO AIDED MAGNETIC COMPASS

Patent Examiner:

Group Art Unit: 2862

INFORMATION DISCLOSURE STATEMENTCommissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In an attempt to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97 and 1.98, applicant wishes to bring to the attention of the U.S. Patent Office the references listed on the attached PTO-A820.

Copies of the non-US Patent references and six forms PTO-A820 are attached.

If the Examiner believes that a telephone conference would help further the prosecution of this case, he is respectfully requested to contact the undersigned attorney at the listed telephone number.

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:
Commissioner for Patent, PO Box 1450,
Alexandria, VA 22313-1450 on 4-26-04

by: Rachel Carter

Rachel Carter
SignatureDate of Signature: 4-26-04

Very truly yours,

SNELL & WILMER LLP

Julio Loza
Julio Loza, Esq.
Reg. No. 47,758
1920 Main Street, Suite 1200
Irvine, CA 92614
Phone 949/253-4924

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

42616-0600

Application Number

10/618,549

Applicant(s)

B. Levi et al.

Filing Date

July 11, 2003

Group Art Unit

2862

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2001/0045128	11/29/2001	McCall et al.			
		2002/0040601	04/11/2002	Fyfe et al.			
		2002/0091482	07/11/2002	Eakle, Jr. et al.			
		2002/0111717	08/15/2002	Scherzinger et al.			
		2002/0128775	09/15/2002	Brodie et al.			
		2002/0143491	10/03/2002	Scherzinger			
		2003/0018430	01/23/2003	Ladetto et al.			
		2,091,964	09/07/1937	L.F. Carter			
		3,583,074	06/08/1971	D.H. Baker et al.			
		4,031,630	06/28/1977	Fowler			
		4,143,467	03/13/1979	Ersparmer et al.			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LADETTO, Quentin, et al., "Combining Gyroscopes, Magnetic Compass and GPS for Pedestrian Navigation", date unknown, Geodetic Engineering Laboratory, Institute of Geomatics, Swiss Institute of Technology, 8 pg.

LADETTO, Quentin, "On Foot Navigation: Continuous Step Calibrations Using Both Complementary Recursive Prediction and Adaptive Kalman Filtering", date unknown, Geodetic Laboratory, Institute of Geomatics, Swiss Federal Institute of Technology, 6 pg.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-AB20

(also form DPT-122B)

P03A/REV04

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SHEET 1

OF 6

INFORMATION DISCLOSURE CITATION
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Docket Number (Optional)

42616-0600

Application Number

10/618,549

Applicant(s)

R. Levi et al.

Filing Date

July 11, 2003

Group Art Unit

2862

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,347,730	09/07/1982	Fisher et al.			
		4,611,293	09/09/1986	Hatch et al.			
		4,622,646	11/11/1986	Waller et al.			
		4,656,750	04/14/1987	Pitt et al.			
		4,809,007	02/28/1989	Hassenplug			
		4,851,775	07/25/1989	Kim et al.			
		4,887,081	12/12/1989	Iihoshi et al.			
		4,991,126	02/05/1991	Relter			
		5,067,083	11/19/1991	Nakayama et al.			
		5,115,238	05/19/1992	Shimizu et al.			
		5,122,960	06/16/1992	Ooka			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

GABAGLIO, Vincent et al., "Real-Time Calibration of Length of Steps with GPS and Accelerometers", Swiss Federal Institute of Technology, Geodetic Engineering Laboratory, 6 pg.

LADETTO, Quentin et al., "Digital Magnetic Compass and Gyroscope Integration for Pedestrian Navigation", Faculte ENAC, Institut du Developpement Territorial, Geodetic Laboratory, 10 pg.

EXAMINER

DATE CONSIDERED

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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

42616-0600

Application Number

10/618,549

Applicant(s)

R. LEVI et al.

Filing Date

July 11, 2003

Group Art Unit

2862

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
		5,235,514	08/14/1993	Matsuzaki			
		5,239,264	08/24/1993	Hawks			
		5,287,295	02/15/1994	Ives et al.			
		5,287,297	02/15/1994	Ihara et al.			
		5,287,628	02/22/1994	Yamaguchi et al.			
		5,297,050	03/22/1994	Ichimura et al.			
		5,319,561	06/07/1994	Matsuzaki			
		5,327,348	07/05/1994	Kato			
		5,331,563	07/19/1994	Masumoto et al.			
		5,404,307	04/04/1995	Odagawa			
		5,424,953	06/13/1995	Masumoto et al.			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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SHEET 3

OF 6

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

42616-0600

Application Number

10/618,549

Applicant(s)

R. Levi et al.

Filing Date

July 11, 2003

Group Art Unit

2862

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,428,902	07/04/1995	Cheah			
		5,488,788	02/06/1996	Durbin			
		5,583,776	12/10/1996	Levi et al.			
		5,935,191	08/10/1999	Sakanashi et al.			
		5,956,660	11/21/1999	Neumann			
		5,986,583	11/16/1999	Nakano et al.			
		6,018,705	01/25/2000	Gaudet et al.			
		6,032,099	02/29/2000	Fernandez			
		6,052,654	04/18/2000	Gaudet et al.			
		6,067,046	05/23/2000	Nichols			
		6,081,230	06/27/2000	Hoshino et al.			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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SHEET 4 OF 6

INFORMATION DISCLOSURE CITATION
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Docket Number (Optional)

42616-0600

Application Number

10/618,549

Applicant(s)

R. Levi et al.

Filing Date

July 11, 2003

Group Art Unit

2862

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,122,960	09/26/2000	Hutchings et al.			
		6,132,391	10/17/2000	Onari et al.			
		6,145,389	11/14/2000	Ebeling et al.			
		6,175,608	01/16/2001	Pyles et al.			
		6,204,807	03/20/2001	Odagiri et al.			
		6,243,660	06/05/2001	Hsu et al.			
		6,282,496	08/28/2001	Chowdhary			
		6,298,314	10/02/2001	Blackadar et al.			
		6,301,964	10/16/2001	Fyfe et al.			
		6,305,221	10/23/2001	Hutchings			
		6,366,855	04/02/2002	Reilly et al.			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Trademarks	
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SHEET 5

OF 6

INFORMATION DISCLOSURE CITATION
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Docket Number (Optional)
42616-0

Application Number
10/618,549

Applicant(s)
R. Levi et al.

Filing Date
July 11, 2003

Group Art Unit
2862
U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,408,251	06/18/2002	Azuma			
		6,415,223	07/02/2002	Lin et al.			
		6,513,381	02/04/2003	Fyfe et al.			
		6,522,266	02/18/2003	Soehren et al.			
		6,546,336	04/08/2003	Matsuoka et al.			
		2003/0018430	01/23/2003	Ladetto et al.			
		2002/0089425	07/11/2002	Kubo et al.			

FOREIGN PATENT DOCUMENTS

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						YES	NO

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